

Weekly Disease Surveillance Report

2021 Reporting Week 22 : May 30 - June 5



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

Enhanced CHD Epidemiology Response

Health Departments have faced numerous epidemiological outbreak responses over the last 20 years whether of local or global significance. These have included the introduction of the West Nile Virus into the US (2000), the anthrax scare of 2001, the 2009 H1N1 novel influenza virus pandemic, the multistate outbreak of fungal meningitis linked to tainted steroid injections (2012), the introduction of Ebola virus into the US (2014), the introduction of Zika virus into the US (2016), the Hepatitis A statewide outbreak (2018), and most recently the 2019 SARS-CoV-2 virus global pandemic that continues today.

Locally, the DOH-Okaloosa has responded to countless respiratory and gastrointestinal outbreaks associated with childcare centers, schools, long-term care facilities, restaurants, and group events. Of note was the 2012 Shigella outbreak in area childcare centers which took months to get under control. Additionally, the DOH-Okaloosa conducted two significant tuberculosis investigations involving area health care facilities in 2014 and 2018.

In preparation for future response efforts, the DOH-Okaloosa has been awarded funding for two years to establish a 7-day a week epidemiological surveillance and outbreak response service. There will be epidemiology staff dedicated every day of the week available to meet our community disease prevention, control, and mitigation activities.

Contact Us:

**Florida Department of Health
in Okaloosa County**

Epidemiology Section

**24/7 Disease Reporting:
850-833-9065**

**Confidential Fax:
850-833-7577**

okaloosaepi@flhealth.gov

Total ED Visits by Syndrome

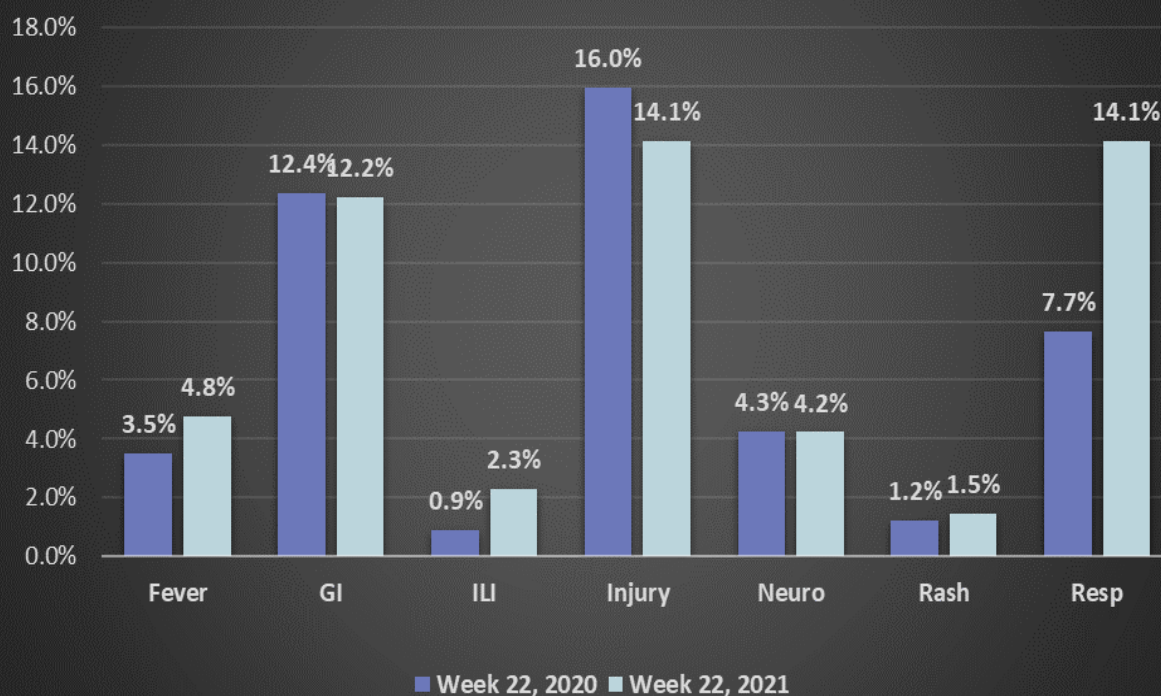


Figure 1:

Hospital Emergency Department (ED) visits from 2021 Week 22 by select syndrome category. Percentages calculated based on total number of ED visits (n=2505). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

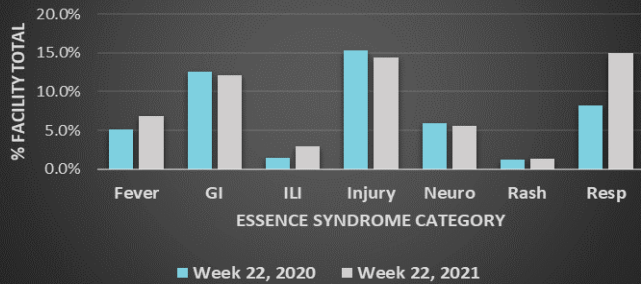
Data source:
ESSENCE



Syndromic Surveillance

Okaloosa Hospital Emergency Department (ED) Visits

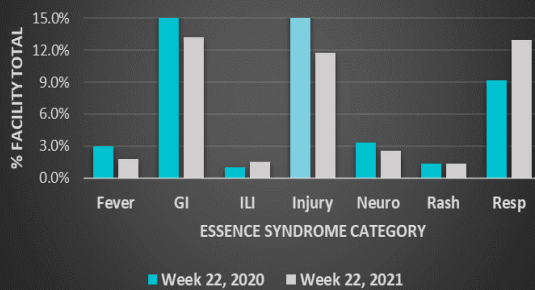
Fort Walton Beach Medical Center ED Presentations



Week 22—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	60
5-19	INJURY	33
20-34	GI	39
35-54	INJURY	46
55-74	RESP	31
75+	INJURY	20

North Okaloosa Medical Center ED Presentations



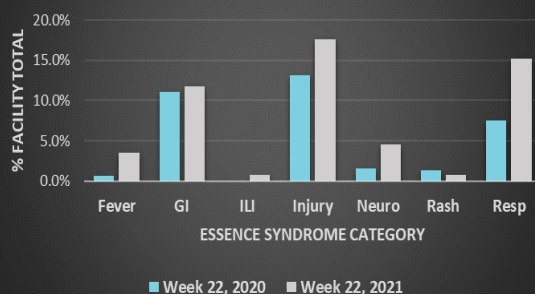
Week 22—Okaloosa County

Age Group	Top Syndrome
0-4	RESP
5-19	INJURY
20-34	GI
35-54	INJURY
55-74	RESP
75+	INJURY

Week 22—North Okaloosa Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	18
5-19	INJURY	18
20-34	GI	27
35-54	GI	17
55-74	RESP	19
75+	GI, RESP	15, 15

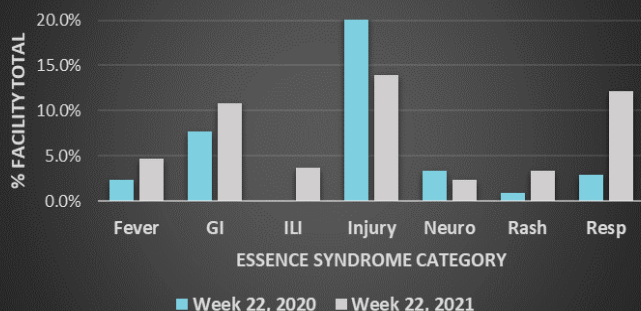
Twin Cities Hospital ED Presentations



Week 22—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	7
5-19	RESP	11
20-34	INJURY	14
35-54	GI	16
55-74	RESP	17
75+	INJURY	16

Destin ED Presentations



Week 22—Destin Emergency Room

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	10
5-19	INJURY	8
20-34	GI	11
35-54	INJURY	11
55-74	GI, INJURY	8, 8
75+	RESP	6



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 22 Review

Resident Case Count	63
Resident Case Count per 100K Population	30.5
Average Resident Cases per Day	9
Percent Positivity	5.01%
Deaths	0
Cumulative Cases since March 2020	20946
Cumulative Deaths since March 2020	368

COVID-19 Community Risk Level

Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Week 22 Risk Level

MODERATE **30.52** **5.01%**

PREVIOUS WEEK RISK LEVEL: MODERATE

Community risk level is the color of the higher risk level for the two indicators. Source CDC: [Community Indicators at the County Level](#)

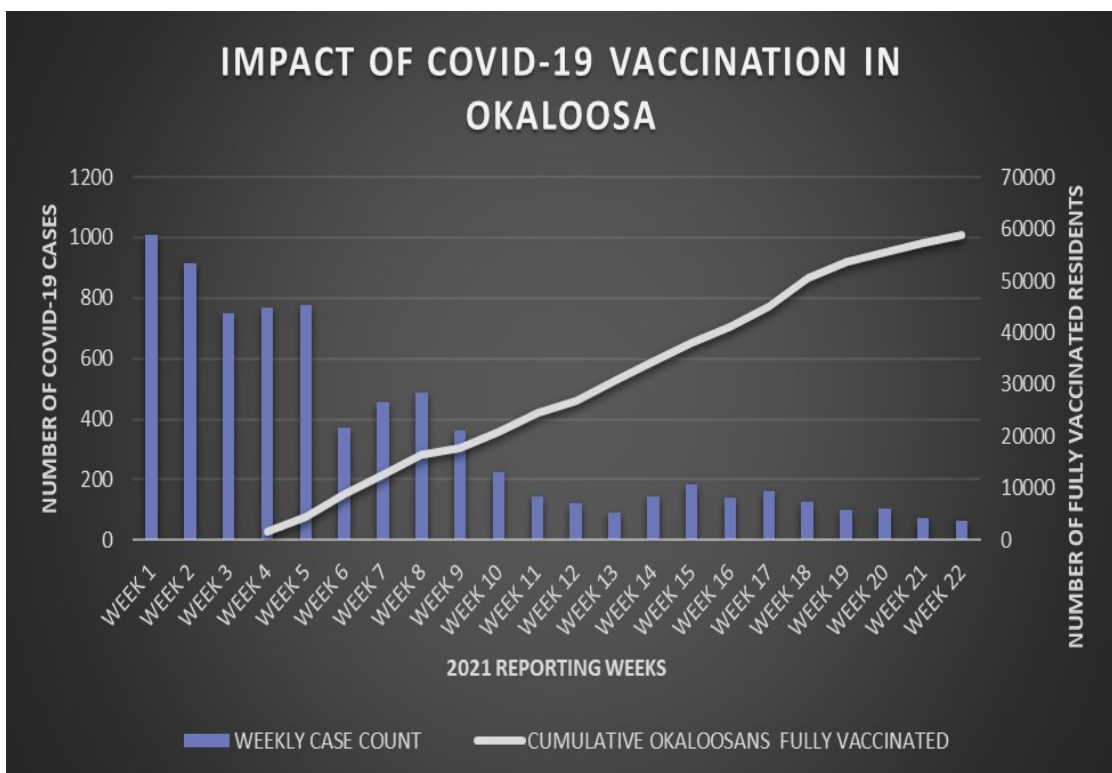
Vaccination Impact in Okaloosa

Figure 2:

Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week.

Data Source: Merlin Reportable Disease Database

Fully Vaccinated Okaloosa Residents	
Age Group	% Fully Vaccinated
12-14	0.6%
15-24	12.1%
25-44	18.2%
45-64	40.9%
65-74	72.1%
75-84	75.2%
85 +	78.1%
12 - 85+	33.7%



COVID-19 Vaccinations: Okaloosa vs. US

	OKALOOSA	US
% of Population ≥ 12 Years of Age	33.7%	49.9%
% of Population ≥ 65 Years of Age	74.5%	75.6%

Influenza-Like Illness (ILI)

Influenza-like Illness (ILI): Fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

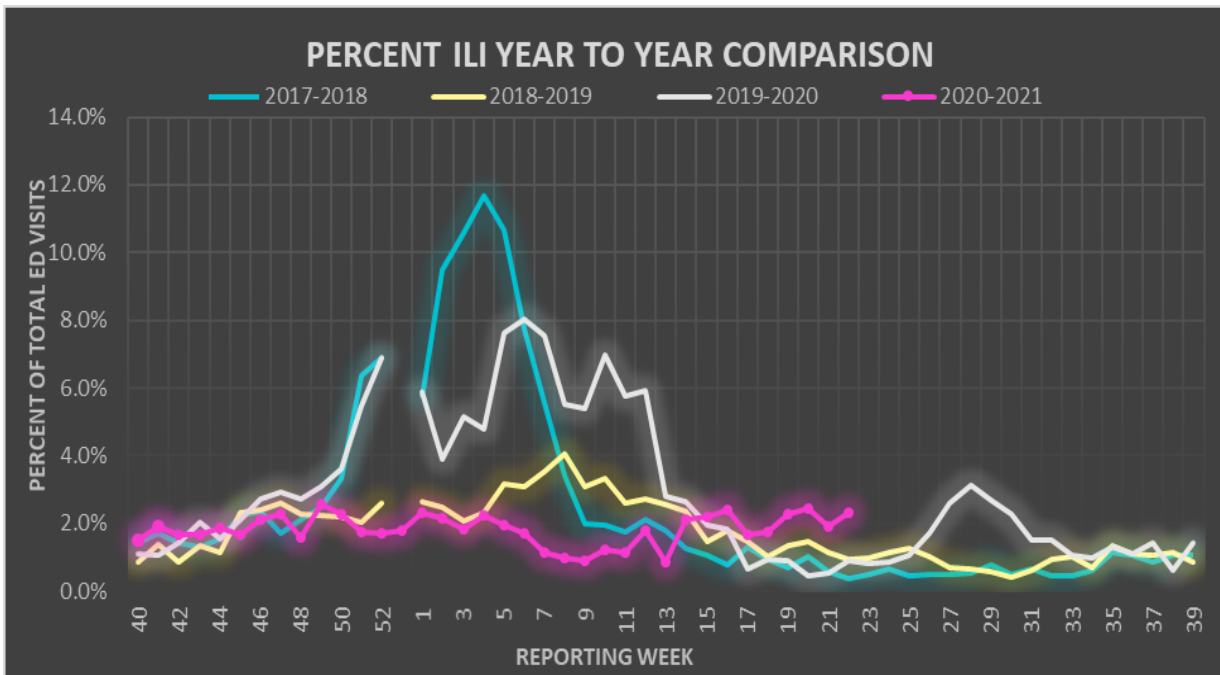


Figure 3: Annual comparison of the percent ILI for all Okaloosa county hospital ED visits week to week for the 2017-2018, 2018-2019, 2019-2020, and 2020-2021 influenza season. Data source: ESSENCE

ANALYSIS: During Week 22, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a increase in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County slightly increased from 1.91% during Week 21 to 2.32% during Week 22. Flu partners reported 3 positive rapid influenza tests this week. Over the past three weeks, 3 out of 61 influenza specimens submitted to the state lab were positive (2 Influenza A unspecified and 1 Influenza B unspecified). There was 1 reported ILI admission. There were no outbreaks, or deaths reported this week.

The percentage of total ILI ED visits for Week 22 is higher than that of Week 22 last year. *Note:* Other respiratory syndromes can be represented by increased ILI case numbers.

% ILI by Age Group Week 22, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	28	244	11.48%
5-19	14	317	4.42%
20-34	6	554	1.08%
35-54	3	579	0.52%
55-74	6	525	1.14%
75+	1	280	0.36%

% of Total ILI Visits by Facility Week 22, 2021

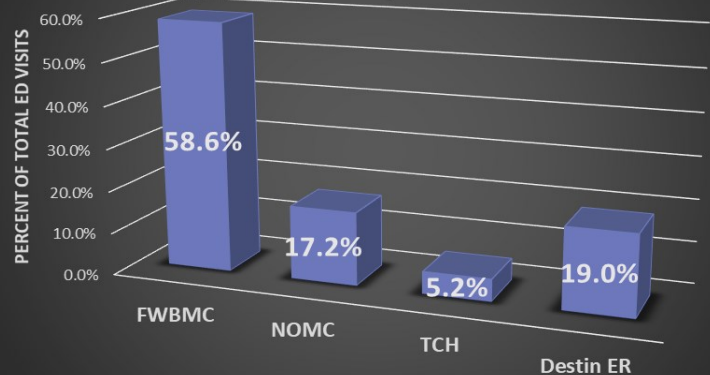


Figure 4: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=2505). Data source: ESSENCE